

20030820.qrp v03_n018.qrl.20030820

Date: Wed, 20 Aug 2003 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3018

QRP-L Digest 3018

Topics covered in this issue include:

- 1) [156559] Re: Lousy Bands and odd coax
by "Alan Fryer" <N3BJ@hotmail.com>
- 2) [156560] Iowa QRP Club CW Net
by mark.milburn@juno.com
- 3) [156561] BPL:I can't think of anything more to do.
by Michael Byrd <m.byrd10@verizon.net>
- 4) [156562] Test Results 4 to 1 Air Balun (Heath Model B-1)
by ve3ab@mail.mondenet.com
- 5) [156563] SuSE 8.20 CDs offer
by "Al AE2T" <ae2t@arrl.net>
- 6) [156564] SW-40 pop on key down
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 7) [156565] Re: BPL:I can't think of anything more to do.
by "Charles W3KC" <w3kc@starpower.net>
- 8) [156566] NOGA QRP Net for Tuesday, 8-20-2003 (UTC)
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 9) [156567] ABQ Duke City Hamfest -- 3 Days
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 10) [156568] SWL-40+ series question
by Chuck Adams <k7qo@commspeed.net>
- 11) [156569] Re: DSWK installed to DSW-II (highly recommend)
by "JUNICHI NAKAJIMA" <jl1kra@hotmail.com>
- 12) [156570] ECFS E-Mail Filing on ET Docket No. 03-104 on BPL
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 13) [156571] OT: Filing BPL Comment
by "Thomas Kuehl" <ac7a@earthlink.net>
- 14) [156572] Re: OT: Filing BPL Comment
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 15) [156573] FS: Tokyo Hi-Power HL-50B QRP amp, LDG Z11 tuner
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 16) [156574] Re: FCC also accepting BPL comments via email, worldwide !
by "Thomas Kuehl" <ac7a@earthlink.net>
- 17) [156575] Re: Filing BPL Comment
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 18) [156576] Re: OT: Filing BPL Comment
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 19) [156577] Re: Lousy Bands and odd coax

by "John Sielke" <jsielke@pobox.com>
20) [156578] For Sale
by "Thomas Lewis" <thomas_h_lewis@msn.com>
21) [156579] njqrp-kits@comcast.net no longer valid
by "David Porter" <aa3ur@comcast.net>
22) [156580] The new no-code issues...
by "Mike Yetsko" <myetsko@insydesw.com>
23) [156581] BPL Filing at the FCC -- No Problems Here & Suggestions
by Steve.Lawrence@itwfeg.com
24) [156582] RE: [fpqrp] bpl... glue or goo
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
25) [156583] RE: I can't think of anything more to do.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
26) [156584] Miss Mosquita manual ready for download now
by "Peter Zenker" <DL2FI@t-online.de>
27) [156585] Re: OT: The new no-code issues...
by Jeremy Cowgar <jc@cowgar.com>
28) [156586] Re: OT: The new no-code issues...
by "Mike Yetsko" <myetsko@insydesw.com>
29) [156587] virus going around
by "Joe W2KJ" <w2kj@bellsouth.net>
30) [156588] Re: virus going around
by Bruce Rattray <rattray@gpfn.sk.ca>
31) [156589] Re: Elmer 160
by "John J. McDonough" <wb8rcr@arrl.net>
32) [156590] [Partly OT] Solar/Wind Powered Island = Hen Island, NY = No Blackout
by "Ron McConnell" <rcmcc@earthlink.net>
33) [156591] RE: Elmer 160
by "Boulineau, Lee" <lee.boulineau@attws.com>
34) [156592] Re: OT: The new no-code issues...
by Michael Kjorling <michael@kjourling.com>
35) [156593] Re: virus going around
by "Mike Yetsko" <myetsko@insydesw.com>
36) [156594] The new no-code issues... Oh my.....
by "Charles Mabbott" <aa8vs@msn.com>
37) [156595] Re: OT: The new no-code issues...
by "Mike Yetsko" <myetsko@insydesw.com>
38) [156596] Re: OT: The new no-code issues...
by Michael Kjorling <michael@kjourling.com>
39) [156597] Re: SW-40 pop on key down
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
40) [156598] Elmer 160 Question
by Chuck Adams <k7qo@commspeed.net>
41) [156599] Re: OT: The new no-code issues...
by "Bill Rowlett" <kc4atu@hotmail.com>
42) [156600] Re: Elmer 160 Question
by Mik Ishmael <mightymik2@comcast.net>
43) [156601] Re: virus going around

- by "John Paul Keon" <jpkeon@nc.rr.com>
- 44) [156602] DDS Experimenters Kit, a few more available
by John Farnsworth <jfarnsworth@direcway.com>
- 45) [156603] Items for sale redux
by K7VO <k7vo@earthlink.net>
- 46) [156604] FT-817 BACKPACKING RECOMMENDATIONS
by Mark Gilger <mgilger@brightdsl.net>
- 47) [156605] OHR WM-2 wattmeter is sold
by K7VO <k7vo@earthlink.net>
- 48) [156606] Re: FT-817 BACKPACKING RECOMMENDATIONS
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 49) [156607] RE: FT-817 BACKPACKING RECOMMENDATIONS
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 50) [156608] FS Ten Tec c21digital
by Ed Howell <kb2nto@yahoo.com>
- 51) [156609] Re: Elmer 160 Question
by "John J. McDonough" <wb8rcr@arrl.net>
- 52) [156610] Reply Comments on 03-104
by "cal.jsi" <cal.jsi@verizon.net>

Date: Tue, 19 Aug 2003 23:42:34 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: k5di@msn.com, qrp-1@Lehigh.EDU
Subject: [156559] Re: Lousy Bands and odd coax
Message-ID: <Law9-0E34GUUpED894i0002800f@hotmail.com>

Karl

Your neighbor took the pin out of your coax...

Alan, N3BJ

Date: Tue, 19 Aug 2003 08:38:15 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu
Subject: [156560] Iowa QRP Club CW Net
Message-ID: <20030819.193517.-683089.1.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around 7.112 Wednesday night
at 8 PM Iowa time, or Thursday morning 0100Z. Join us if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Tue, 19 Aug 2003 20:39:30 -0400
From: Michael Byrd <m.byrd10@verizon.net>
To: qrp-1@Lehigh.EDU
Subject: [156561] BPL:I can't think of anything more to do.
Message-ID: <3F42C343.130D374B@verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

BPL has touched more groups in and outside ham radio than any subject I have seen so far.

I have filed comments...spent several days rewording a long filing.

Gave ARRL money...I guess they could use more.

E-mailed several Radio Astronomy groups...they are very aware of the problem.
This group feels the most helpless. They have no national organization and
feel their studies are considered the most frivolous use of spectrum space
and
therefore will have no protection.

Talked to engineers of local radio station...they are aware, but think it will not
go
through based on current regulations and part 15. This is a common belief
of many hams I have talked to also.

For the past week I have tried to get other groups involved that will be effected
by
the use of BPL. This is not just a ham radio problem, it is much bigger. For
everyone
that is making an effort, I wish you success. For all of the doubters, I hope you
enjoy e-mail QSOs and e-QSLs. If BPL is widely utilized, there will be little
else.

Until then...everyone enjoy what you have- have fun.

Mike AC4UR

Date: Tue, 19 Aug 2003 20:45:44 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@lehigh.edu
Subject: [156562] Test Results 4 to 1 Air Balun (Heath Model B-1)
Message-ID: <200308200045.h7K0jpdU001845@webmail.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I told some of you..Id test this air balun..and i finally got around to it..here are the test results.\

Heathkit Model B-1..air wound 4 to 1 balun.
tested with MFJ 249 swr analyser hf and vhf
the first swr reading is with a single 220 ohm carbon resistor as the load for the balun.
the second reading is with a 270 ohm resistor..the third reading is with a 440 ohm resistive load (in a few cases)
length of coax feed is only a 3 and a half foot length of rg58cu.

1.687 mhz (1.45 to 1) (1.62 to 1)
2.875 (about the same as above)
3.135 (1.5 to 1) (1.6 to 1)
4.045 (1.55 to1) (1.6 to 1)
10.118 (2.1 to 1) (1.7 TO 1) (1.2 to 1)
14.020 (1.6 to 1) (notdone) (1.2 to 1)
14.230 (2 to 1) (1.55 to1)
15.644 (over 4 to 1) all cases
20.76 (1.5 to 1) (1.5 to 1)
26.410 (1 to 1)
27.822(1.2 to1)
28.461 (1.2 to 1) (1.3 to 1)
29.186 (1.4 to 1)
40.37 (2.3 to 10) (1.7 TO 1)
50.112 (1.2 to 1) (1.1 to 1)
51.393 (1.7 to 1)
52.225 (over 4 to 1)
146.34 (3 to 1)

It looks like a fairly good 4 to 1 balun. Inside the two coils are air wound. The air wound coils are not standard coils .but are 2 separate conductors wound in parallel (bifilar windings (i suppose)). ---the big question is .. is it a good efficient transformer (low loss). Im leaning towards ..following one fellows suggestion on the list and using a carolina windom type antenna.
maybe as a type of offset fed type of windom with the legs drooping

down like a half square (for 20 mtrs ..my favourite band). See radio works web site for this type of antenna...I would this balun (in the shack)...i dont know if outside it would fair well in cold and damp conditions ect. A good line isolator choke balun to keep the RF from flowing back down the shield..and it might work FB. 73 Earl VE3AB

Date: Tue, 19 Aug 2003 21:20:12 -0400
From: "Al AE2T" <ae2t@arrl.net>
To: qrp-l@lehigh.edu, qrplinux-l@lists.lehigh.edu
Subject: [156563] SuSE 8.20 CDs offer
Message-ID: <3F42948C.55.C6D7F9F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Thanks to Joe, KM5CW, I've received a copy of the Linux CDs and have made copies to pass on.

One set is already spoken for, so one more is up for grabs.

In addition, since I have several PCs capable of burning copies, I will offer them to anyone on this list on a B&P basis. That means "blanks and postage" in the music trading world. I will make a copy for you - just send me 5 blank CDs and a postpaid mailer with your return address, and I'll get them to you.

Please, once you have them, help spread them around, pass them on as you see fit. I know many people are still waiting for them and it's tough to be in the first two replies...

I installed it on one of my PCs that has a swappable drive bay and now have the ability to run it in either OS. Everything went smoothly, except for an error installing wine... which my son tells me there is a newer version available of anyway. Looks good, seems to work great, I just have to learn my way around it.

I also have a copy of Knoppix 3.2 for anyone who wants to try Linux without installing it on a PC permanently. If you can boot from CD, it runs off the CD and will give you a taste of what Linux is like. Send a blank CD (1) and mailer and I'll make a copy for you.

Date: Tue, 19 Aug 2003 20:38:06 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156564] SW-40 pop on key down
Message-ID: <009401c366cc\$77dfe7f0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey folks-

I got an email from a guy who is not subscribed to QRP-L concerning a problem (loud pop on key closure) with his SW-40. I think the SW-40 series is one of the more thoroughly studied rigs out there, so I said I'd post his email to the list to see if anyone has any suggestions. Here we go:

"Completed an SW40+ a while ago and have pops when I key it on the "make" of the key. Was searching online for a possible solution and ran into some comments by you in Sept 2002 on QRP-L. You mentioned keying clicks or pops but went on to say that the SW 40 that you had acquired did not have them and the QSK was smooth and nice.

Can you give me a steer to anywhere where I can try to figure out why mine is clicking in the phones when keyed? What's really weird about the clicks is that every make produces at least a minor click, but randomly it seems, some are quite loud and annoying."

How about it?

72--Nick, WA5BDU

Date: Tue, 19 Aug 2003 21:58:24 -0400
From: "Charles W3KC" <w3kc@starpower.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156565] Re: BPL:I can't think of anything more to do.
Message-ID: <002601c366be\$ad5edac0\$74012c42@w3kc>

The mysterious Ether
 Domain of Maxwells' equations
The wonderfully polarized E and H vectors

Traversing the multi-layered ionosphere
The gray line
The long path
The glorious spectrum
Protect them from the BPL

72 de Chas W3KC

Date: Tue, 19 Aug 2003 22:39:43 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: North Georgia QRP Club <nogaqrp@mailman.qth.net>
Cc: qrp-l@lehigh.edu
Subject: [156566] NOGA QRP Net for Tuesday, 8-20-2003 (UTC)
Message-ID: <5.0.2.1.2.20030819223427.0293bc98@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Light net tonight. QNI - 2,

AF4MN, Guy in Conyers, running his Kenwood at 5W into his 40M dipole,
signal QSB from 579 to 599.
AB4GK, John in Monroe, running his K2 at 5W into 80M loop at 60' (MOJO
baby!), 599

My station was running K2 at 5W into 80M loop. Some atmospheric QRN on
80M, but nothing the KDSP2 couldn't handle.

The NOGA QRP Net meets at 9:30 Eastern, local time on Tuesdays, 3686.4 KHz
+/- QRM. Hope to have some new QNI's as the weather gets cooler.

Don't forget the next NOGA meeting, Saturday, September 6, 10:00am, Wieuca
Road Baptist Church (Youth/College center building) in Buckhead/Atlanta.

72 de Mike, K04WX/NQ4RP
Michael C. Boatright

Date: Tue, 19 Aug 2003 21:09:49 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "List QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156567] ABQ Duke City Hamfest -- 3 Days
Message-ID: <004501c366c8\$85515c60\$890586cc@hlw11>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QRPers:

I've not promoted this Hamfest on QRP-L yet, so please accept a last-minute kind of promotion!

Only 3 days remain until New Mexico's largest Amateur Radio gathering -- the 2003 Duke City Hamfest, held in Albuquerque, New Mexico! We are looking forward to you and all the Hams in your area joining us for this great event this Friday and Saturday (August 22-23) at the UNM Continuing Education Center located conveniently near the I-25 and I-40 interchange.

There will be lots of activities to look forward to at this year's Hamfest -- on top of the QRP forum hosted by Paul Harden and Dr. Megacycle themselves -- including:

- Buying/selling new and used Ham Radio equipment (See the website below if you have items to sell yourself).
- Excellent forums covering 18 different topics presented by local Hams.
- Prizes, including seven brand-new HF/VHF/UHF transceivers and lots of doorprizes.
- The 'Icom Roadshow,' which shows off the complete Icom ham transceiver lineup. Play with all those new rigs like a kid in a candy store!
- A fun dinner banquet on Saturday night with Richard Abruzzo KC5VWK, famous record-holding balloon pilot, as the special guest speaker. Six ARRL officers/representatives will be enjoying our Hamfest, too.
- VE exams offering tests for all license levels, both theory and CW.
- QSL card checking for Worked All States (WAS), DX Century Club (DXCC) and VHF/UHF Century Club (VUCC) awards. Bring those cards! (See the Schedule page of our website for details)
- A special event station operating on HF. Stop by to operate!
- QLF Contest! How well can you send CW with your left foot? Enter this fun competition.
- One word: food.
- Another word: FUN.
- ...and much, much more!

For additional details, including a schedule of events, printable flyer, talk-in repeater information, maps, a look at this year's prizes, and more, head over to <http://www.qsl.net/dchf>

Only 3 days! Make up your wish list, load up the car with all that sellable Ham gear, grab a few of your Ham buddies and come on over to the 2003 Duke City Hamfest! Lots of local Hams are sure to be there, as well as lots from

around New Mexico and surrounding states.

For those of you up for a last minute roadtrip to the fest, see ya there!

72,
Brian, N5ZGT

Amateur Radio Station N5ZGT - N5ZGT PBBS, 145.01 MHz
ARRL Life Member, NorCal #1700, QRP-L #580, AK/QRP #125
Boy Scouts of America - Eagle Scout - ASM, Troop 409
Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

Date: Wed, 20 Aug 2003 04:12:12 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [156568] SWL-40+ series question
Message-ID: <5.2.1.1.0.20030820035319.018508d0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

As for the problem with pops/clicks on keying. Check with several different types of headphones. The audio circuit I have found to be some times critical of what type of headphones you are using. Also SWR values can effect the keying heard in the phones.

I have just spent 16 hours in 2 days writing a program from scratch, because I didn't like the other one that I wrote. Got bored I guess. I used the SWL-40+ as a test.

For those that bought the sidekick kits from Jay Bromley, W5JAY, and have yet to put them together. Are you interested in the matching transmitter? If you are, write me offline and we'll see if we can get this going with a group. I'll be writing this up on the web and for a start here is a teaser.

<http://www.qsl.net/k7qo/mansw40p.pdf>

Look at it with Adobe Acrobat and print off several copies. Change the line width and see how your printer does. This is my first copy off the press just an hour or so ago and there will be a version 2.0 by the end of the week. The layout is not meant to be an exact building guide. I did it to get a

feel for
a layout and I want to work on minimizing the interconnects and shorten the
route for the missing wire from D5 to R21 and I want to check for missing
parts. It was also a big test of the program that I wrote in C. I did a
parts substitution
for Q6 and there is some clean up to minimize some confusion possible if you
aren't familiar with the rig..... Film at 11.

Let me know if you are interested. I'm ordering a \$55 kit from Dave to use
so that I don't have to scrounge for parts from the junk box and Mouser.

My suggestion is not to do this but wait a couple of weeks for the Mark IV
transceiver design. This for a winter project and a possible building contest
for QRP-L. This for an Elmer project in progress.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Wed, 20 Aug 2003 12:12:12 +0900
From: "JUNICHI NAKAJIMA" <jl1kra@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [156569] Re: DSWK installed to DSW-II (highly recommend)
Message-ID: <BAY8-F109rQkPOhJnDt00027311@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Last night, I send bunch of CQ at 14060 by the help of the DSWK.
Non QRP G-station respond my CQs. It's always miracle a station of
6000Km away respond my 2-3W CQ emission from a little GP just above
roof top. Thanks DSW and DSWK again, the very nice combination.
JL1KRA Junichi

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Tue, 19 Aug 2003 23:13:48 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: ecfs@fcc.gov
Cc: qrp-1 <qrp-1@lehigh.edu>, <eax@w3eax.umd.edu>,
Laurel ARC <larc-1@webtrek.com>, <w7px1@valleyradioclub.org>
Subject: [156570] ECFS E-Mail Filing on ET Docket No. 03-104 on BPL
Message-ID: <Pine.LNX.4.44.0308192239180.9994-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

ECFS - E-mail Filing
<PROCEEDING> 03-104
<DATE> 08-19-2003
<NAME> Scott R. Rosenfeld
<ADDRESS1> 766 Brookside Drive
<ADDRESS2>
<CITY> Eugene
<STATE> OR
<ZIP> 97405
<LAW-FIRM>
<ATTORNEY>
<FILE-NUMBER> see text below
<DOCUMENT-TYPE> CO
<PHONE-NUMBER> 541-684-9970
<DESCRIPTION> Email Comment
<CONTACT-EMAIL> ham@w3eax.umd.edu
<TEXT>

Dear FCC officers:

In light of recent events, I feel compelled to again comment with new emphasis regarding Docket 03-104, covering expanded BPL service.

To preface my comments, I am an electrical engineer, and part of my graduate school curriculum was electrical power generation and distribution.

With the recent blackout in the eastern parts of the US and Canada, it has become obvious that the electric power utilities are in dire need of modernization. This has been noted at many points in the past, but this past week, it became obvious that the condition of the North American power grid is far worse than believed.

Still, these same power companies wish to provide high-speed internet access to their customers while their ability to reliably provide electrical power is apparently quite suspect.

At the same time as the blackout was demonstrating the problems with the power grid, and cellular phone systems were becoming useless due to overuse, one of the groups that would be MOST harmed by BPL's use - amateur radio operators - were donating their time, skill, and

personally-purchased equipment to provide much-needed communications support to emergency services (fire, police), service agencies (Red Cross), and the general public.

...as ham radio operators have unselfishly done countless times in the past...

Yet at this time, it is these same ham radio operators who have provided public service free of cost whose allocated frequencies are literally "under attack" by the spectre of BPL.

BPL will splatter RF noise from approximately 2-80 MHz over much of the country, rendering these frequencies nearly useless for amateur or nearly any other service...and there are a LOT of users, including commercial aviation, hams, the military, radio astronomers, the Dept. of Commerce, the Coast Guard, and many others.

Many of these users are from licensed services, such as amateur radio. Remember that if hams are subject to interference, it is the responsibility of the source of interference to cease this interference.

The only way to eliminate BPL interference is to shut it off completely.

Further, any system that radiates, due to the law of reciprocity, is also capable of receiving energy. All of those legally present transmitted signals would serve to interfere with BPL systems and users, and it would be the responsibility of the power companies to resolve these complaints by performing modifications on their own system.

Additionally, let it be known that, historically speaking, many power companies have very poor track records with ceasing the interference caused to ham operators simply through their ELECTRIC DISTRIBUTION equipment. Adding BPL to their plates would only complicate matters.

In a world of fiber-optic cable, satellites, and cable modems, BPL is neither a good idea nor necessary.

BPL's mere use would cause millions of licensed users of the HF spectrum to effectively go silent, and would pollute the HF spectrum in ways that could only be considered irresponsible at best, criminal at worst.

Finally, imagine a country with no volunteer ham operators. In today's world, hams are a valuable line of defense in ensuring national security.

Hams provide communications support, free of charge, in times of natural and other disasters (witness the thousands of volunteer ham hours given in the support of 9/11).

Where is the protection for licensed operators who are supposed to be protected from interference sources?

If you are curious just how deleterious the effects of BPL will be, please visit:

<http://www.arrl.org/news/stories/2003/08/08/2/?nc=1>

and proceed down the page to hear the noise.

Now imagine trying to communicate through it.

It is time to tell the power companies this is NOT a good idea, simply because it is NOT a good idea unless it can coexist with other systems... which it simply cannot!

It's time to tell the POWER companies to work on providing reliable POWER, NOT to offer us a redundant, very flawed broadband option.

Please vote to reject the implementation of BPL.

--

Scott Rosenfeld ARS N7JI
Eugene, Oregon USA
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 19 Aug 2003 21:47:18 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156571] OT: Filing BPL Comment

Message-ID: <002b01c366d6\$22f6cce0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I just tried to submit my comments on BPL at the FCC ECS site, and couldn't get it to take the message. Am I too late. I thought we had until the 20th?

I spent a lot of time on the comment and would like to get it filed. Any help appreciated.

Regards, Thomas - AC7A

Date: Wed, 20 Aug 2003 00:07:15 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Thomas Kuehl <ac7a@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156572] Re: OT: Filing BPL Comment
Message-ID: <Pine.LNX.4.44.03082000003560.10541-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember, this is the same FCC that's supposed to be protecting US, its licensed operators, against interference.

Doesn't it make sense that our main vehicle of expressing our concern, our frustration, our distrust in the FCC's decision making process would be squelched by a tool of the FCC, namely their ECFS?

Sorry, I'm just kind of frustrated right now. I've been trying to get my comments posted for several days (unsuccessfully).

But hey, at least ESPN is up and running.

On Tue, 19 Aug 2003, Thomas Kuehl wrote:

> All,
>
> I just tried to submit my comments on BPL at the FCC ECS site, and couldn't
> get it to take the message. Am I too late. I thought we had until the 20th?
>
> I spent a lot of time on the comment and would like to get it filed. Any

> help appreciated.
>
> Regards, Thomas - AC7A
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 20 Aug 2003 00:14:44 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [156573] FS: Tokyo Hi-Power HL-50B QRP amp, LDG Z11 tuner
Message-ID: <Pine.LNX.4.44.0308200011480.10541-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tokyo Hi-Power compact HF/6m HL-50B amp. 5w in, 50w out. Excellent condition with box, manual. \$315 plus shipping.

LDG Z11 automatic antenna tuner. Latching relays, etc. Excellent condition, hardly used. Sells for \$179 new, asking \$135 plus shipping.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 19 Aug 2003 22:24:56 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <n4qa@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156574] Re: FCC also accepting BPL comments via email, worldwide !
Message-ID: <001401c366db\$64b5c190\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

All,

I've been attempting to use the FCC's EFCS site and have been able to get it to accept my comment. Has the deadline closed? Can someone provide some pointers?

Regards, Thomas - AC7A

----- Original Message -----

From: "Bill, N4QA" <n4qa@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, August 18, 2003 1:15 PM

Subject: FCC also accepting BPL comments via email, worldwide !

> The United States Federal Communications Commission is accepting email
> comments on Docket 03-104, Broadband Over Power Line(BPL), worldwide.

>

> Please visit the link below for instructions on how to do this.

>

> <http://www.fcc.gov/cgb/ecfs/email.html>

>

>

> Note:

> Even though the example forms suggest giving a USA address, email comments
> from anywhere in the world are being accepted.

>

> Thank you and 73.

> Bill, N4QA

>

>

>

>

>

>

>

>

>

>

>

> 73.

> Bill, N4QA

> <http://www.n4qa.com>

>

>

> -----
> The new MSN 8: advanced junk mail protection and 2 months FREE*

> <http://join.msn.com/?page=features/junkmail>
>

Date: Tue, 19 Aug 2003 22:31:12 -0700
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Thomas Kuehl" <ac7a@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156575] Re: Filing BPL Comment
Message-ID: <002501c366dc\$46a591c0\$ff40cd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You don't have to file your comments on the FCC website -- you can file them by e-mail. Use the FCC format (available on the website). Cut and paste your information into the correct places, and then send it in plain ascii to ecfs@fcc.gov.

That's what I did and I got back a confirmation from the FCC Robot (is that redundant?)

72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Tue, 19 Aug 2003 22:56:20 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: ham@w3eax.umd.edu,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
Subject: [156576] Re: OT: Filing BPL Comment
Message-ID: <002501c366df\$c8c1f380\$771ff4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guys,

While I must admit that I thought exactly the same as Scott this weekend

when I heard of report of people not being able to post their coments,
Yesterday I successfully posted my coments at the following link:
<http://gullfoss2.fcc.gov/ecfs/Upload/>
Maybe this will help... I'd hate to think that the FCC has stooped so
low to this kind of tactic...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Scott Rosenfeld [N7JI] <ham@w3eax.umd.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 19, 2003 9:07 PM
Subject: Re: OT: Filing BPL Comment

> Remember, this is the same FCC that's supposed to be protecting US,
its
> licensed operators, against interference.
>
> Doesn't it make sense that our main vehicle of expressing our concern,
our
> frustration, our distrust in the FCC's decision making process would
be
> squelched by a tool of the FCC, namely their ECFS?
>
> Sorry, I'm just kind of frustrated right now. I've been trying to get
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> comments posted for several days (unsuccessfully).
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couldn't
> > get it to take the message. Am I too late. I thought we had until
the 20th?
> >
> > I spent a lot of time on the comment and would like to get it filed.
Any
> > help appreciated.
> >
> > Regards, Thomas - AC7A
> >
>

> --
> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
>

Date: Wed, 20 Aug 2003 05:49:35 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@Lehigh.EDU
Subject: [156577] Re: Lousy Bands and odd coax
Message-ID: <3F430BEF.29375.3196E03@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> The coax is old RG-58 with a stranded wire center conductor. I
> have some new RG-8 Radio Shack to replace it with. But would like to
> know why the old coax got a short circuit that cleared itself?

Very frequently, when coax is bent too small a radius, the inner conductor can "migrate" to touch the shield. In other words, it pushed through the insulation. Obviously most common with foam type insulation. When you straighten it out, voila! no more short.

John W2AGN

Date: Wed, 20 Aug 2003 06:35:55 -0400
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [156578] For Sale
Message-ID: <BAY5-F10wks7vALU0jT0003a22a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have for sale an MFJ 9030 with keyer and filter. All in very good condition. Also original manuals and package. \$125 and I'll ship in the US.

Just finished an SW+30.

Please email direct.

Tom
K4THL

MSN 8: Get 6 months for \$9.95/month.
<http://join.msn.com/?page=dept/dialup>

Date: Wed, 20 Aug 2003 07:19:13 -0400
From: "David Porter" <aa3ur@comcast.net>
To: "NJQRP" <njqrp@njqrp.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156579] njqrp-kits@comcast.net no longer valid
Message-ID: <NGBBICPOCLKMGIBGGBEAEEELBDNAA.aa3ur@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As I am no longer taking orders for NJQRP kits, the email address above will no longer be valid. Please check the NJQRP website for up-to-date ordering information.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Wed, 20 Aug 2003 08:30:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156580] The new no-code issues...
Message-ID: <01b901c36716\$cbb0aa00\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, perhaps what's needed right now is a proposal to drop

the code for HF, and allow any license class to get at all the 5wpm areas for code. That way the no-codes can learn. Once they pass a 5wpm test, then they can be allowed full access to the entire CW space.

If we can get something like this implemented now, early in the turmoil, it may be the way to protect the CW sub-band protected space for some time...

And no, I'm not saying restructure the license class. I'm not saying anything about voice. I'm saying now, quickly, get something into CW policy. Let the voice sort itself out separately.

Mike

Date: Wed, 20 Aug 2003 08:49:06 -0400
From: Steve.Lawrence@itwfeg.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: ac7a@earthlink.net, ham@w3eax.umd.edu
Subject: [156581] BPL Filing at the FCC -- No Problems Here & Suggestions
Message-ID: <0F9378DEB7.7276A4AA-0N85256D88.0045CA6A-85256D88.004669C2@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I used the following "express comment" URL successfully:

<http://gullfoss2.fcc.gov/ecfs/Upload/>

But at the first try, the connection timed out by the time I got around to clicking on the submit button. I was working too hard in editing and wording my comments.

Suggestion: Prepare and edit your comments, spell check, etc. in an external editor (e.g. MS Word, notepad). When you have them complete, surf to the above URL, select the "BPL docket 03-104" category from the top of the page. Click the "continue" button. Fill in your name, address, etc. then cut 'n paste your previously prepared comments into the forms where indicated. Submit, and you're done.

GL,
Steve
aa8af

Date: Wed, 20 Aug 2003 09:19:23 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Nigel Gunn" <nigel@ngunn.net>, <hamjoel@juno.com>,
<fpqrp-1@mpna.com>, <qrp-1@Lehigh.EDU>
Subject: [156582] RE: [fpqrp] bpl... glue or goo
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F38FE@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Actually, I have done testing in areas of underground electrical wiring =
in the US, and I saw about an S6 noise level. And, of course, this means =
that they could crank up the power, because about S9 meets FCC Part =
15...

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: Nigel Gunn [mailto:nigel@ngunn.net]
> Sent: Wednesday, August 20, 2003 3:44 AM
> To: hamjoel@juno.com; fpqrp-1@mpna.com; qrp-1@Lehigh.EDU
> Subject: Re: [fpqrp] bpl... glue or goo
>=20
>=20

> Hi Mericans
 >=20
 > I wonder if you're not fighting the wrong monster.
 >=20
 > In Britain, other than in the older village communities,=20
 > overhead power cables=20
 > to houses are a thing of the past. Very few people are fed=20
 > by overhead power=20
 > cables, probably none by overhead TV distribution cables and=20
 > only the older=20
 > areas by overhead telephone cables.=20
 > Now broadband (DSL) by telephone cables may be not much=20
 > different to PLC but=20
 > nobody's worrying about that.
 >=20
 > Apart from the yet to come RF interference, overhead power=20
 > cables both at=20
 > 220V and whatever feeds your pole transformers (3K3 or 11KV?) pose an=20
 > electrocution risk to any householder with trees that need to=20
 > be pruned, many=20
 > Americans have TV antennas on small lattice towers and most=20
 > CBers are too=20
 > stupid to avoid electrocution when they erect antennas.=20
 > I haven't mentioned amateurs and I've already covered health=20
 > risks affecting=20
 > most American families.
 >=20
 > Underground cables don't pose electrocution risks and are not=20
 > an eyesore.=20
 > Ground mounted transformers, fewer larger ones than now,=20
 > don't fall off poles=20
 > and the poles don't fall over if they're not there in=20
 > everybody's yard. More=20
 > importantly, underground cables radiate far less interference.
 >=20
 > You should ALL be campaigning for the power utilities to bury=20
 > the cables from=20
 > the distribution sub stations all the way into your basement.
 >=20
 >=20
 > On Tuesday August 19 2003 22:07, hamjoel@juno.com wrote:
 > > High y'all
 > > well this bpl thing is getting interesting....=20
 > obviously it has gotten to
 > > where it is by politics or shall I say, political means...=20
 > I can't help but
 > > wonder if this might help bridge the gap in the amateur=20
 > community with all

[illegible]

information about membership, go to <http://www.arrl.org/join.html>. Your contribution can also help support ARRL's ongoing efforts to protect Amateur spectrum. Go to <https://www.arrl.org/forms/development/donations/basic/> to learn more about the ways you can support the ARRL programs and activities of most importance to you. You can help ARRL protect Amateur Radio for you and future generations to enjoy.

> -----Original Message-----

> From: Michael Byrd [mailto:m.byrd10@verizon.net]

> Sent: Tuesday, August 19, 2003 8:40 PM

> To: Low Power Amateur Radio Discussion

> Subject: BPL:I can't think of anything more to do.

>=20

>=20

> BPL has touched more groups in and outside ham radio than any=20

> subject I have seen

> so far.

>=20

> I have filed comments...spent several days rewording a long filing.

>=20

> Gave ARRL money...I guess they could use more.

>=20

> E-mailed several Radio Astronomy groups...they are very aware=20

> of the problem.

> This group feels the most helpless. They have no national=20

> organization and

> feel their studies are considered the most frivolous use=20

> of spectrum space and

> therefore will have no protection.

>=20

> Talked to engineers of local radio station...they are aware,=20

> but think it will not go

> through based on current regulations and part 15. This =20

> is a common belief

> of many hams I have talked to also.

>=20

> For the past week I have tried to get other groups involved=20

> that will be effected by

> the use of BPL. This is not just a ham radio problem, it is=20

> much bigger. For everyone

> that is making an effort, I wish you success. For all of the=20

> doubters, I hope you

> enjoy e-mail QSOs and e-QSLs. If BPL is widely utilized,=20

> there will be little else.

>=20

> Until then...everyone enjoy what you have- have fun.

>=20
> Mike AC4UR
>=20
>=20
>=20

Date: Wed, 20 Aug 2003 15:48:33 +0200
From: "Peter Zenker" <DL2FI@t-online.de>
To: <qrp-1@lehigh.edu>
Subject: [156584] Miss Mosquita manual ready for download now
Message-ID: <00a201c36721\$c2764b60\$8200a8c0@DellPeter>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dear fellow QRPers,

I finished my artwork on the manual yesterday. If you are interested, you may download it from

<http://www.qrpproject.de/missmosquita.htm>

If you find something to correct, please send me an email.

73 de DL2FI, Peter

DV Berlin im DARC e.V.

www.dl-qrp-ag.de

www.qrpproject.de

Date: Wed, 20 Aug 2003 10:04:22 -0400
From: Jeremy Cowgar <jc@cowgar.com>
To: myetsko@insydesw.com,
 Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [156585] Re: OT: The new no-code issues...
Message-ID: <3527362.1061373862@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Content-Disposition: inline

--On Wednesday, August 20, 2003 8:30 AM -0400 Mike Yetzko
<myetzko@insydesw.com> wrote:

> You know, perhaps what's needed right now is a proposal to drop
> the code for HF, and allow any license class to get at all the 5wpm
> areas for code. That way the no-codes can learn. Once they pass
> a 5wpm test, then they can be allowed full access to the entire CW
> space.
>
> If we can get something like this implemented now, early in the turmoil,
> it may be the way to protect the CW sub-band protected space for
> some time...
>
> And no, I'm not saying restructure the license class. I'm not saying
> anything about voice. I'm saying now, quickly, get something into
> CW policy. Let the voice sort itself out separately.

I do not want to start a CW war, but I am curious. I have had to explain the reason for keeping CW, but I have failed convincing others due to their good points and my lack thereof.

I am not terribly good at CW, but I love to operate it and my speed is coming up like I have hoped. But I am curious, what is the logical reason to keep CW requirements?

In times past, CW was still a valid means of communication, but today, it has no application outside of the Amateur community that I am aware of. It has been argued in the past that it is efficient in low-power situations, but now, we have more efficient modes such as PSK31.

The only real reason I can think of, and to me it's not that good, is that in a real emergency situation, all computers could be down, nothing electronically functioning, but if you have a battery, 1 watt CW rig, you can communicate. But then some will say, a laptop, 1watt PSK31 rig and you can communicate.

I hope I am missing something here, but can anyone give me powerful weapons for the battle?

Oh, the only other reason that I have heard is that it keeps dummies off the air because it's too hard to learn. *If* that is true, why not push for harder theory and operational tests that will be applicable to everyone, not just CWer's, it has been told to me.

Jeremy
KB8LFA

Date: Wed, 20 Aug 2003 10:11:20 -0400
From: "Mike Yetzko" <myetzko@insydesw.com>
To: "Jeremy Cowgar" <jc@cowgar.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156586] Re: OT: The new no-code issues...
Message-ID: <002501c36724\$ef841440\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I do not want to start a CW war, but I am curious. I have had to explain
> the reason for keeping CW, but I have failed convincing others due to
their
> good points and my lack thereof.
>

I really don't want to turn this into a pro/anti CW discussion. And that
really isn't the thrust of my proposal. And I DEFINITELY don't
want this to turn into ANY form of why we do or do not need CW
as a requirement. I won't even say what my feelings are along those
lines.

CW is going away as a requirement, plain and simple. If not now,
eventually. And probably soon. The writing is on the wall, and only
the blind can't see it.

The issue NOW is how to make sure we keep at least a portion of
the bandspace dedicated to CW. How to keep the 'flame alive' so
to speak, so that we have numbers and usage to justify keeping a
portion of the band at least semi-dedicated to CW.

Mike
N1DVJ

Date: Wed, 20 Aug 2003 10:17:18 -0400
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [156587] virus going around
Message-ID: <004201c36725\$c3d25c20\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy gang:

I have been hit today with about 20 messages containing the virus W32.Sobiq

So far, Norton has picked up and isolated everyone of them without problem.

Am I the only lucky recipient today or are others getting hit with this new virus??

73, Joe W2KJ

Date: Wed, 20 Aug 2003 08:57:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Joe W2KJ <w2kj@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156588] Re: virus going around
Message-ID: <Pine.LNX.4.33.0308200855580.8551-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Joe...are those messages with all sorts of SUBJECT lines, almost no BODY text and always an attachment?...if so, I deleted 90 of them yesterday...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Wed, 20 Aug 2003, Joe W2KJ wrote:

> Howdy gang:
>

> I have been hit today with about 20 messages containing the
> virus W32.Sobiq
>
> So far, Norton has picked up and isolated everyone of them
> without problem.
>
> Am I the only lucky recipient today or are others getting hit
> with this new virus??
>
>
> 73, Joe W2KJ
>
>

Date: Wed, 20 Aug 2003 10:57:47 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <wb9hfk@yahoo.com>, <henryf@quartz.gly.fsu.edu>,
 <CHUCKYWOOD@aol.com>, <jiboulj@globetrotter.net>
Subject: [156589] Re: Elmer 160
Message-ID: <001e01c3672b\$6ba6e420\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good answer, Mark.

My computer crash put me off a little farther than I thought, and in particular, I lost most of the emails that folks had sent me about the Elmer 160 series. There were lots of offers to help, so I am continuing to make efforts to recover those emails.

I think I mentioned before that we had planned to use the 16F84A. I agree with those folks who had indicated that the 16F628 is a better part, but it's a lot more difficult to describe, and I wanted to keep it simple initially. I hope, however, to get folks into a position where they can select the appropriate part for their future projects. All the PICs are hugely similar, so what you learn about one applies to another. The problem with the 628 is that every pin has 3 or 4 possible uses, and I didn't want to have to preface everything I said with a whole bunch of qualifications and oh by the way's. If you are inventorying parts, however, the 628 is a bunch more flexible, so once you understand this business, it's one you are likely to use a lot more. As best I can tell, there is nothing the 84A can do that the 628 can't. For some applications, the 84 (without the A) might be a better choice than the 628, but this would be a very unique sort of

application. Other parts, though, offer A/D converters and specialized serial ports, so it is helpful to understand the series, rather than just one or two parts.

I haven't said much yet because I got several suggestions about basing this on a pre-existing kit. I have ordered the most likely suspect and am waiting to get it in my hot little hands so I can see if I can hack it to do what we want to do.

I plan to use QRP-L for questions and answers, and a synopsis of what we tend to do each lesson. The main materials, however, will be on the web, probably at one of the larger QRP sites. The materials will be provided in .pdf so you can easily print them. There is even a possibility they will be eventually published in dead tree format, so if you miss the series it won't be a total loss.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Mark Prather" <wb9hfk@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 19, 2003 9:20 AM
Subject: re: Elmer 160

>
> I understand that the Elmer 160 will not be starting until sometime
> after Labor Day or so - and I have no complaints with that. However,
> I am wondering if a decision has been reached on what PIC we will be
> using??? I'm just wanting to get a head start with my reading etc...
>
> 73,
>
> Mark
>
>
>
>
> =====
> Mark Prather - WB9HFK
>
> _____
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software
> <http://sitebuilder.yahoo.com>
>

=3D1&en=3D9f7f7b3ea628846c>

[If the email system breaks the address above,
just edit it back into one piece.]

Just a Speck of an Island, With a Power of Its Own

August 17, 2003

By COREY KILGANNON=20

RYE, N.Y., Aug. 16 - Blackout? What blackout?=20

That was the little joke around the longtime summer
bungalow community on Hen Island today, but for residents,
it was the truth.=20

While the power grid failed on Thursday, throwing New York
City and much of the metropolitan region into darkness,
this obscure island in Milton Harbor just off the coast of
Westchester County stayed lighted.=20

Hen Island has always been off the grid. Its 31 homes
started as fishing shacks and bungalows. But in recent
years, most have been fortified into well-appointed homes
worthy of a shelter magazine. Most residents have running
water from rainwater collected in their roof gutters and
appliances powered by rooftop solar panels or windmills.=20

=3D=3D=3D=3D Clipped for brevity.

Rest of article at

=20

<<http://www.nytimes.com/2003/08/17/nyregion/17ISLA.html?ex=3D1062221741&e=i>

=3D1&en=3D9f7f7b3ea628846c>

Copyright 2003 The New York Times Company

Hen Island, NY

40=BA 56' 31" N =20

073=BA 42' 23" W

Grid FN30dw56

Near Rye, NY

County: Westchester=20

USGS 7.5' x 7.5' Map: Mamaroneck=20

Date: Wed, 20 Aug 2003 10:14:31 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156591] RE: Elmer 160
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F63@TX-MSG05-CCC.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The other HUGE advantage of the 16F84 series is that it is backwards = compatible (with minor changes) with the 16C84 - and therefore with all = of the various projects built around that PIC.

73 de N4MVL Lee

=20

-----Original Message-----
From: John J. McDonough [mailto:wb8rcr@arrl.net]
Sent: Wednesday, August 20, 2003 9:58 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Elmer 160

Good answer, Mark.

My computer crash put me off a little farther than I thought, and in particular, I lost most of the emails that folks had sent me about the = Elmer 160 series. There were lots of offers to help, so I am continuing to = make efforts to recover those emails.

I think I mentioned before that we had planned to use the 16F84A. I = agree with those folks who had indicated that the 16F628 is a better part, but it's a lot more difficult to describe, and I wanted to keep it simple initially. I hope, however, to get folks into a position where they can select the appropriate part for their future projects. All the PICs are hugely similar, so what you learn about one applies to another. The = problem

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and oh by the way's. If you are inventorying parts, however, the 628 is =
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likely to use a lot more. As best I can tell, there is nothing the 84A =
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.pdf so you can easily print them. There is even a possibility they =
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eventually published in dead tree format, so if you miss the series it =
won't
be a total loss.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----=20
From: "Mark Prather" <wb9hfk@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 19, 2003 9:20 AM
Subject: re: Elmer 160

>

> I understand that the Elmer 160 will not be starting until sometime
> after Labor Day or so - and I have no complaints with that. However,
> I am wondering if a decision has been reached on what PIC we will be
> using??? I'm just wanting to get a head start with my reading etc...
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> 73,
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> Mark
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>
> =3D=3D=3D=3D=3D
> Mark Prather - WB9HFK
>
> -----
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software
> <http://sitebuilder.yahoo.com>
>

Date: Wed, 20 Aug 2003 17:25:26 +0200 (CDT)
From: Michael Kjorling <michael@kjorling.com>
To: Jeremy Cowgar <jc@cowgar.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [156592] Re: OT: The new no-code issues...
Message-ID: <Pine.LNX.4.55.0308201635480.22241@varg.wolfpack>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

On Aug 20 2003 10:04 -0400, Jeremy Cowgar wrote:

> The only real reason I can think of, and to me it's not that good, is that
> in a real emergency situation, all computers could be down, nothing
> electronically functioning, but if you have a battery, 1 watt CW rig, you
> can communicate. But then some will say, a laptop, 1watt PSK31 rig and you
> can communicate.

In that case I would like to add, the laptop's battery will run out probably
much sooner than even a small battery for a radio would. Taking the FT-817 as

an example, it draws about 1 A at 9-15 V DC on 1 W transmit (about half of that current drain is for things not related to the actual transmission). A 7 Ah SLA battery is perfectly possible to carry around as it weighs about the same as a half gallon of water - how many haven't been out camping carrying something like that? That will get you many hours of useful operating time at 1/2 or 1 W power output. With a more efficient transceiver like the K2, you could go on almost forever with such a battery, perhaps charged using solar panels.

Yes, PSK31 and other modes like that are great for as long as you are able to use a computer. But in a dire emergency - imagine a large power outage akin to the recent one on the East coast, combined with another "9/11" kind of attack - well, I wouldn't count on more than a few hours at most of computer operating without very special arrangements. I would rather up the power a little on my CW transmitter, go to a narrower bandwidth and QRS accordingly (if possible/required), and in general do whatever I can that doesn't rely on personal computers being usable.

Also, I have experienced several situations myself lately on HF when SSB simply *did not cut it*, but CW would have. Just this past weekend I was operating a special event club station, 7S SFJ. Twice I ended up in the situation that I could tell that "someone was there", but conditions did not allow anything but very rough copy at best. The first time it was a mobile station and I was happy enough to have another station willing to relay for us on the frequency (the pileup was just beginning to thin out a bit, and he was fading in and out) - the second time I wasn't that lucky, managed to get the call sign after much frustration and just said that well, sorry, conditions as they were at that point wouldn't allow much further contact. Had it been a contest, it would have been 59, but since it wasn't, it was 21 to 31. In both of those cases, had I been able to go to CW, we would probably have been talking about 519 reports. To me, that kind of difference in readability a good enough reason to learn CW, regardless of whether it's a requirement or not.

As radio amateurs I believe that we should be prepared to help others with communications when the usual means fail. If the best way to help people is by means of CW, FM, SSB, PSK31 or for that matter packet radio, line of sight, bouncing off the ionosphere, repeated or digipeated signals, really is of secondary concern. But when choosing a mode and band to use to communicate during an emergency, attention must be paid to the *total* amount of power required to sustain the necessary communications - not just the RF power output - and what kind of power sources are available. If I was to make a choice for communications in what seems likely to become a prolonged power outage, and was to choose between 2 watt RF output PSK31 requiring a computer drawing 50 watts of power in addition to the transceiver, and 10 watts SSB with no other equipment necessary, I would probably pick SSB even though it might have a bit worse signal to noise ratio under some conditions, simply because the total required power is so much lower.

To connect the dots here - I'm not against dropping the CW requirement. I'm not against CW either. It's a nice mode that certainly has its applications, just as SSB or PSK31 does. (I got many curious looks from visitors while working through that pileup as 7S SFJ, taking the time to exchange more than merely signal reports with each station.) And I plan to actually learn CW (and in fact am working on it), not only at the currently required 5 wpm but rather at a much more usable 15-20 wpm. I guess I could be a "cheapskate" and just wait for the CW requirement to be dropped in Sweden, too, and it may be before I really get my upgraded license, but at least then I can tell people that hey, I tried, and I know CW! :) That's more than some (quite a few) of those who have "Class 1" (with HF privileges) licenses here do.

Let CW attract people for its (obvious as well as not-so-obvious) advantages, as well as the thrill of being able to use something many don't understand. I think that especially in recruiting young operators, that argument is one that is often forgotten, at least over here. It's, in a sense, a "secret language" that yet anyone who puts in the effort can learn - no different from computers, only that more people are regularly exposed to computers than Morse code these days.

To attract new amateur radio operators, young and old alike, appeal to them. There will always be those who tune around the lower portions of the bands and wonder what all that beeping is about. As long as there are at least a few amateurs who utilize CW, there will be those who are exposed to it, and I find it hard to believe that no one who is ever exposed to CW after the requirement is gone will find it interesting, or mystifying. If that was the case, no one would use CW on VHF and up - but the fact is, there are several parts of amateur radio where it is close to a requirement. VHF/UHF DXing and EME come to mind, and I am certain that there are others.

See you all on the HF bands!

Michael Kj rling

- - -

Michael Kj rling :: michael@kjriling.com :: SM YBY J089 ^..^

PGP: 3723 9372 c245 d6a8 18a6 36ac 758f 8749 bde9 ada6 \/

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.2.1 (GNU/Linux)

Comment: Made with pgp4pine 1.76

iD8DBQE/Q5LpdY+HSb3praYRAnkKAJ0UAoaBuDwpZdUig1hHJDxY58smCACcC6md

OhwLIkUuKsw71KqRhM4mm7o=

=Qw/c

-----END PGP SIGNATURE-----

Date: Wed, 20 Aug 2003 11:33:57 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w2kj@bellsouth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156593] Re: virus going around
Message-ID: <004101c36730\$7d57c0e0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have been hit today with about 20 messages containing the
> virus W32.Sobiq
>
> So far, Norton has picked up and isolated everyone of them
> without problem.
>
> Am I the only lucky recipient today or are others getting hit
> with this new virus??

Well, hopefully this won't turn into a 'virus forum', but if you check
the news, CNN business section has called this "Worm Week".

They're everywhere. I show 16 of them since 9:30 this morning...

Mike

Date: Wed, 20 Aug 2003 12:20:05 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [156594] The new no-code issues... Oh my.....
Message-ID: <BAY5-F8L33LAWYn2I4j0003ad4c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

We have to realize even in the ham radio community that you are not going to
be able to convince everyone of CWs worth. We have a tough crowd in some
clubs around here whose idea of ham radio is running 500/900 watts shouting
599 in to a mic and grousing about the tough radio conditions. These guys
will never be convinced that any thing less than 500 watts is real radio
anyway. CW pfftt, old technology get rid of it, by the way look at this amp

I just got. We got a club full of those guys!

So with that said, there are still some folks out there who enjoy minimum impact on the environment, using batteries, not those smelly gasoline generators and having some enjoyable QSOs. The part I enjoy is when our first group goes out gets about a 100 contacts, they are killing each others signals because of close proximity to. I find out some of the QRP gang get 200 + in the same time frame I love passing those messages along to them.

Let me see where was I going,..... hmmm Again when you have an emergency situation a trained communicator should be able to set up a station, establish contact with other stations, pass H & W type traffic. The method used should make sense [SSB, PSK, Packet, or CW] for the conditions at hand.

We must never divide ourselves in the code versus SSB in emergencies. But we must have a broad enough experience base to be able to use what ever mode makes sense to get the message through.

Is code going to be continued to be used, in my opinion yes. We have had in SE MI where contact could not be made using SSB. But there are also times it can, so we are right back to the training of the communicator. Should they be proficient in more than one mode, I think that question has already been answered.

73 Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Mike Yetsko" <myetsko@insydesw.com>
>Reply-To: myetsko@insydesw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: OT: The new no-code issues...
>Date: Wed, 20 Aug 2003 10:11:20 -0400
>
> > I do not want to start a CW war, but I am curious. I have had to explain
> > the reason for keeping CW, but I have failed convincing others due to
>their
> > good points and my lack thereof.
> >
>
>I really don't want to turn this into a pro/anti CW discussion. And that

>really isn't the thrust of my proposal. And I DEFINITELY don't
>want this to turn into ANY form of why we do or do not need CW
>as a requirement. I won't even say what my feelings are along those
>lines.
>
>CW is going away as a requirement, plain and simple. If not now,
>eventually. And probably soon. The writing is on the wall, and only
>the blind can't see it.
>
>The issue NOW is how to make sure we keep at least a portion of
>the bandspace dedicated to CW. How to keep the 'flame alive' so
>to speak, so that we have numbers and usage to justify keeping a
>portion of the band at least semi-dedicated to CW.
>
>Mike
>N1DVJ
>
>

Get MSN 8 and help protect your children with advanced parental
controls. <http://join.msn.com/?page=features/parental>

Date: Wed, 20 Aug 2003 12:16:33 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <michael@kjorling.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156595] Re: OT: The new no-code issues...
Message-ID: <00c601c36736\$b5a09200\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please people, lets NOT turn this into a CW is ... forum.

I think most of the people here realize that CW has it's place, regardless
of which 'side' your on.

The issue is how do we preserve our CW space? Bottom line is if we
don't do something, we WILL loose it. Maybe to the voice crowd,
and possibly even to the data crowd. Yes, data is legal now, but what
will happen when there's a sudden influx of HF operators when CW
is removed, and influx of operators that don't have any interest in CW,
and see chunks of bandspace with:

"CW, RTTY, and DATA"

as restrictions?

Remember, the ONLY spots on HF (160-10) that are 'CW only' are novice only. And the influx won't be novice...

Mike

Date: Wed, 20 Aug 2003 18:40:38 +0200 (CDT)
From: Michael Kjorling <michael@kjorling.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [156596] Re: OT: The new no-code issues...
Message-ID: <Pine.LNX.4.55.0308201825260.27677@varg.wolfpack>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

On Aug 20 2003 12:16 -0400, Mike Yetsko wrote:

> The issue is how do we preserve our CW space? Bottom line is if we
> don't do something, we WILL loose it. Maybe to the voice crowd,
> and possibly even to the data crowd.

Use it. Promote it. Show it. I did mention that in my post, and I don't wish for this to turn the code/no-code debate either. (I've been through enough of those.)

> Yes, data is legal now, but what will happen when there's a sudden influx
> of HF operators when CW is removed, and influx of operators that don't have
> any interest in CW, and see chunks of bandspace with:
> "CW, RTTY, and DATA"
> as restrictions?

Well, digital PSK31 is data, isn't it? So *that* will hardly be any change, in that case.

> Remember, the ONLY spots on HF (160-10) that are 'CW only'
> are novice only. And the influx won't be novice...

Huh? I thought that 'Novice' meant 'Novice and up', but maybe I was wrong. I have never had any reason to study the US regulations in any real detail.

And remember, about the ONLY country that has such *regulation* in place these days is the US. Other countries are happy with referencing "the IARU band plan", or even not mentioning things like that at all in their regulations, and still there isn't anarchy on the bands. The Swedish amateur radio regulations, to give an example that I am familiar with, hardly specify anything but the band limits and a few administrative like for example how a call sign is to be constructed, what the requirements for getting a license are, and things like that.

If people don't *use* CW, yes, it will disappear with time, not much unlike spark gap transmitters did. The same goes for not promoting it. All of a sudden you won't be able to count on every operator on HF being able to copy CW just because they are on HF. (That's not a reasonable assumption today, either.)

So, if you want to preserve your exclusive CW allocations, use them. If you don't, you can bet that they are going to get reallocated - hopefully, then, at least to other uses within the amateur radio service, and not commercial interests!

Michael Kj rling

- - -

Michael Kj rling :: michael@kjriling.com :: SM YBY J089 ^..^

PGP: 3723 9372 c245 d6a8 18a6 36ac 758f 8749 bde9 ada6 \/

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.2.1 (GNU/Linux)

Comment: Made with pgp4pine 1.76

iD8DBQE/Q6SJdY+HSb3praYRagWPAJwIG6ESP+9NGduAK/V9jEA0irIiIQCgrVFx

7+K3/kfRIn7UTtN3/iFrVsA=

=kZzr

-----END PGP SIGNATURE-----

Date: Wed, 20 Aug 2003 10:43:13 -0400

From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>

To: <nkennedy@tcainternet.com>

Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [156597] Re: SW-40 pop on key down
Message-ID: <000801c36729\$6247d260\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nick,

Have noticed the "randomness" of pops in 38Special rig, even after radical changes to mostly eliminate keying thumps. As always, debugging intermittent problems is VERY hard, and haven't got to the bottom of it.

Have a few guesses on causes...

Since the SW-40 has a good reputation for keying, the problem could be external to the rig. Power supply comes to mind. Try a stiff, well regulated supply that can handle lots of current (like over an amp). Sometimes RF gets into the regulating electronics, causing voltage fluctuations.

Try a good 50 ohm dummy load - are the clicks the same? The transmitter may not come up nicely into an odd load.

Are the clicks the same with the RF GAIN pot at max attenuation? Since the sidetone propagates thru the entire receiver, it could be overloading.

Sometimes clicks occur because of wiring ground-loop problems. Depends on how the rig is mounted in the chassis, and how the jacks are wired (and how they're grounded).

Its a radical step, but try the board out of the chassis, bare on the bench, with all jacks pulled too (floating off chassis ground). If clicks go away, you may have to ground-isolate some or all of the jacks.

Careful alignment might make a difference. I'd check that all the parts are in the right place, with the right values. Check diodes are installed the right way around (especially the T/R diodes D7, D8, D9, D10, and the keying diode D5). There's always a chance that a part has failed but is visibly OK - that's a tough one.

My bet is on power supply or groundloops.
-Glen

Date: Wed, 20 Aug 2003 17:45:54 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [156598] Elmer 160 Question
Message-ID: <5.2.1.1.0.20030820173948.00b2d468@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Got in the mail yesterday the new flier from www.goldmine-elec.com

In it is a 2x16 display from Emerging Display Technologies EW162C1YMY for \$2.49 ea or 10/\$18.00 US currency. Does any one on this group have a data sheet on these puppies? I went to the EDTC web site and they no longer have this information on line so it is a discontinued part, but for projects that only require one they should do nicely and the price is right.

Goldmine also has 2x12 displays from Powertip for \$5.95 and that you can find online.

Two digit alphanumeric displays for 2/\$1.00 IEE3785R part number with 17/32" high characters. LED with common cathode.

I'm thinking parts before projects and the series starts.

TIA

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Wed, 20 Aug 2003 17:03:17 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: myetsko@insydesw.com, qrp-l@Lehigh.EDU
Subject: [156599] Re: OT: The new no-code issues...
Message-ID: <Law15-F53Y9ZNMjiGwY00053950@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

How do we keep CW space, we use it. Remember that not only are we (QRPers) using the space, but there is a large world wide group in FIST who are there

also. Showing people the fun of the mode does more good then all the words in the world. Set up those portable stations at the next QRO club meeting and run some contacts. Show how much FUN you are having. This will go a long way folks.

BUT, the old saying "use it or loose it" applies here two fold. The requirment will go away, but the mode will not.

This could be a lost cause if that other thing gets passed. But cw does work at 432 and up too.

73, Bill kc4atu

MSN 8: Get 6 months for \$9.95/month.
<http://join.msn.com/?page=dept/dialup>

Date: Wed, 20 Aug 2003 11:20:04 -0700
From: Mik Ishmael <mightymik2@comcast.net>
To: k7qo@commspeed.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156600] Re: Elmer 160 Question
Message-ID: <EB6E0CCE-D33A-11D7-A9CD-000A277EDE44@comcast.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

I think the issue for LCDs is not so much the display, but the chipset that drives it. Then the issue is 'how to i talk to it'. I've seen computer mods that require you to hook the display up to a serial port, then run a program to grab data to display, like CPU temperature.

(like that's hard to do...)

On Wednesday, August 20, 2003, at 09:45 AM, Chuck Adams wrote:

>
> Got in the mail yesterday the new flier from www.goldmine-elec.com
>
> In it is a 2x16 display from Emerging Display Technologies EW162C1YMY
> for \$2.49 ea or 10/\$18.00 US currency. Does any one on this group have
> a data sheet on these puppies? I went to the EDTC web site and they no
> longer have this information on line so it is a discontinued part, but
> for projects
> that only require one they should do nicely and the price is right.

>
> Goldmine also has 2x12 displays from Powertip for \$5.95 and that you
> can
> find online.
>
> Two digit alphanumeric displays for 2/\$1.00 IEE3785R part number with
> 17/32" high
> characters. LED with common cathode.
>
> I'm thinking parts before projects and the series starts.
>
> TIA
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> http://www.qsl.net/k7qo CP-60
>
>

Date: Wed, 20 Aug 2003 13:59:44 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156601] Re: virus going around
Message-ID: <003401c36744\$d6ccf820\$6401a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Subject: Re: virus going around

> Am I the only lucky recipient today or are others getting hit
> with this new virus??

I have gotten it already 7 times today. I have been lucky and Norton got it and cleaned it off all three of my computers before it had a chance to get in. I keep my updates regular everyday, and when I check on the computer each day too. So I really double check my definitions and watch for the new viruses too.

Thanks for the heads up too.
John Paul, Raleigh, NC [AB4PP]//NNN UTV
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."

Date: Wed, 20 Aug 2003 14:37:56 -0400
From: John Farnsworth <jfarnsworth@direcway.com>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [156602] DDS Experimenters Kit, a few more available
Message-ID: <DIEHLGHLBGPNJENLGEBKAELKCAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

There are 4 kits of the "almost everything else" parts for Trevor's DDS VFO
neato masterpiece left in the third and most probably final kit run,
assuming all of you that said you will send checks really do (So far the
first batch of kits was 100%).

If you're just tuning in, this kit has the parts for the DDS VFO except the
stuff from Jay Bromley (boards and programmed CPU), and the 9850 (free from
AD), the encoder, the toroids, display, and MMIC. If you have any interest,
send me an email off list at jfarnsworth@direcway; the kit is \$35 check or
\$36.50 Paypal. The parts are coming in this week, and all will be shipped
next week, assuming payment is received.

There are 35 different items, and they are all available from either Digikey
or Mouser. If you would like a list of what's included, email me, I'll send
you all the part numbers and you can go for it. But you can save yourself
the hassle of ordering 1 of this and 2 of that from those 2 suppliers and
have me do all the work. If you're interested, let me know.

Date: Wed, 20 Aug 2003 15:02:50 -0400
From: K7VO <k7vo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [156603] Items for sale redux
Message-ID: <20030820150250.32e476ba.k7vo@earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi,

I have several items for sale. If a couple look familiar it's because I've had buyers back out. I am selling these items because of financial difficulties, and I am asking that you do NOT tell me you want something unless you really mean it and can pay promptly. I accept US and Canadian postal money orders ONLY. No PayPal or checks.

For more details and for photos of all these items, please visit
<http://www.mizuhoradio.com/personal/k7vo/forsale.html>

- 1) Mizuho MX-14S 20m CW/SSB 2W HT with BM-6 case and Maldol AH-14 antenna in near mint condition. \$200.
- 2) OHR WM-2 wattmeter \$65.
- 3) Mizuho SX-3 HF preselector \$60.
- 4) Radio Shack HTX-200 (2m) and HTX-400 (70cm) mini handhelds, \$45 each or \$90 for both.

Thanks and 73,
Caity
K7VO

Date: Wed, 20 Aug 2003 15:17:38 -0400
From: Mark Gilger <mgilger@brightdsl.net>
To: qrp-l@Lehigh.EDU
Subject: [156604] FT-817 BACKPACKING RECOMMENDATIONS
Message-ID: <5.1.0.14.2.20030820151458.03af3ab0@mail.brightdsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For the FT-817, what have others found to be the best backpacking recommendations for equipment plus solar charging the internal batteries.
Mark

At 09:19 AM 8/20/03 -0400, Hare,Ed, W1RFI wrote:

>Actually, I have done testing in areas of underground electrical wiring in
>the US, and I saw about an S6 noise level. And, of course, this means that
>they could crank up the power, because about S9 meets FCC Part 15...

>

>73,
>Ed Hare, W1RFI
>ARRL Lab
>225 Main St
>Newington, CT 06111
>Tel: 860-594-0318
>Internet: w1rfi@arrl.org
>Web: <http://www.arrl.org/tis>
>
>ARRL is the National Association for Amateur Radio. It is supported by
>membership dues, individual contributions and the sale of publications
>and advertising. For more information about ARRL, go to
><http://www.arrl.org/news/features/inside-your-league.html>. For more
>information about membership, go to <http://www.arrl.org/join.html>. Your
>contribution can also help support ARRL's ongoing efforts to protect
>Amateur spectrum. Go to
><https://www.arrl.org/forms/development/donations/basic/> to learn more
>about the ways you can support the ARRL programs and activities of most
>importance to you. You can help ARRL protect Amateur Radio for you and
>future generations to enjoy.
>
>
> > -----Original Message-----
> > From: Nigel Gunn [mailto:nigel@ngunn.net]
> > Sent: Wednesday, August 20, 2003 3:44 AM
> > To: hamjoel@juno.com; fpqrp-1@mpna.com; qrp-1@Lehigh.EDU
> > Subject: Re: [fpqrp] bpl... glue or goo
> >
> >
> > Hi Mericans
> >
> > I wonder if you're not fighting the wrong monster.
> >
> > In Britain, other than in the older village communities,
> > overhead power cables
> > to houses are a thing of the past. Very few people are fed
> > by overhead power
> > cables, probably none by overhead TV distribution cables and
> > only the older
> > areas by overhead telephone cables.
> > Now broadband (DSL) by telephone cables may be not much
> > different to PLC but
> > nobody's worrying about that.
> >
> > Apart from the yet to come RF interference, overhead power
> > cables both at
> > 220V and whatever feeds your pole transformers (3K3 or 11KV?) pose an
> > electrocution risk to any householder with trees that need to

> > be pruned, many
> > Americans have TV antennas on small lattice towers and most
> > CBers are too
> > stupid to avoid electrocution when they erect antennas.
> > I haven't mentioned amateurs and I've already covered health
> > risks affecting
> > most American families.
> >
> > Underground cables don't pose electrocution risks and are not
> > an eyesore.
> > Ground mounted transformers, fewer larger ones than now,
> > don't fall off poles
> > and the poles don't fall over if they're not there in
> > everybody's yard. More
> > importantly, underground cables radiate far less interference.
> >
> > You should ALL be campaigning for the power utilities to bury
> > the cables from
> > the distribution sub stations all the way into your basement.
> >
> >
> > On Tuesday August 19 2003 22:07, hamjoel@juno.com wrote:
> > > High y'all
> > > well this bpl thing is getting interesting....
> > obviously it has gotten to
> > > where it is by politics or shall I say, political means...
> > I can't help but
> > > wonder if this might help bridge the gap in the amateur
> > community with all
> > > the code, code lite, no code hypocrisy that has
> > lingered.... after all, if
> > > the boat sinks on us, w're all goners... no code, code
> > lite, elite... all
> > > gone..together... This might be an excellent opportunity to
> > see and heal
> > > the arrogance in our own ranks and move on, (a more united group of
> > > folk...) When looking at sudden and certain demise... does
> > one first ask
> > > "from where does this help come"? or concern themselves
> > about the source of
> > > help at all... at least, till after all is safe... This bpl
> > thing is indeed
> > > a bad thing... it would destroy the many for the one...money, power
> > > greed... centralized... truly a story of historical
> > proportions...and u and
> > > I are in it... Beginner to old timer, we all lose the
> > same... or win the
> > > same... together...its time to understand what it is, to be

The subject line says it all.

Thanks and 73,
Caity
K7VO

Date: Wed, 20 Aug 2003 13:43:25 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: mgilger@brightdsl.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156606] Re: FT-817 BACKPACKING RECOMMENDATIONS
Message-ID: <005901c3675b\$b447b8f0\$0f0b280a@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mark,

If you talking truly backpacking into an area and setting up vs. car camping etc where you don't have to carry it all in weight will be important.

If you are using the internal AA rechargeable batteries, I'd suggest the 2000 mAH variety from Maha (actually I think they have 2200 mAH available now also) as the 817 is fairly power hungry on receive. I don't have a recommendation for a solar charger as I've never used one.

The antenna is going to depend on where you are hiking. If there are trees available as antenna supports, I'd suggest an 88' Extended Double Zepp fed with light weight TV Twin Lead (available from Radio Shack) and a tuner such as the Norcal BLT. This antenna always seems to be a good multiband performer. George W5YR used these in the Fox Hunt last Winter and did very well. You might also consider ho you are going to hang it. I usually take along either my EZ-Hang, or a smaller sling shot, some fishing weights and at least 1 roll of fishing line (usually 30 Lb test).

On the other hand, if there are no trees available, you will have to either take a support such as a long fishing poll or take along a small vertical such as a St. Louis Vertical or a Super Antenna's MP-1. If you go with the MP-1 get the extended base section for better performance.

Paddle wise I really like the Palm paddles. They are light weight and have a very good feel to them. This is assuming that you want to run CW.

Hope you have fun with whatever you decide! Operating portable while camping and hiking is one of my favorite parts of the hobby.

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Mark Gilger" <mgilger@brightdsl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, August 20, 2003 12:17 PM

Subject: FT-817 BACKPACKING RECOMMENDATIONS

>
> For the FT-817, what have others found to be the best backpacking
> recommendations for equipment plus solar charging the internal batteries.
> Mark
>

Date: Wed, 20 Aug 2003 16:14:48 -0500

From: "Boulineau, Lee" <lee.boulineau@attws.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [156607] RE: FT-817 BACKPACKING RECOMMENDATIONS

Message-ID: <90B09553A615CE4192A646D8CFA67DA81C87A5@TX-MSG05-CCC.wireless.attws.com>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I use the FT-817 on portable outings and take it in the saddlebags of my =
Harley when I go riding. I use the Super Antennas MP-1 with extensions =
for the tripod legs made out of 3/8" Aluminum rod, as well as an =
extended base section (homemade from 3/8" Aluminum rod also). For power, =
I have a 7 AH SLA battery that I purchased for \$10 at a surplus dealer =
in Florida - it weighs about 5 pounds but it lasts for hours. I also =
have a Tayloe SWR indicator (think NorCal BLT) in a box to allow for =
fast tune-ups - a bright red LED is easier to use than a meter!!!! I =
also have a Miracle Antennaa, but only use it for quick contacts on =
6-10-15 meters, with a counterpoise deployed (BTW, the Harley makes for =
a nice (and loud) couterpoise!!).=20

For some ideas, The NorCal Doublet makes for an easy 40-10 antenna when =

tuned with the NorCal BLT (BTW, nice looking new style, Doug!!!) Also, =
the end-fed wire (with a counterpoise) makes a great easy-to-set-up =
antenna (kudos to Bruce, W6TOY, and the NJ-QRP group for that =
suggestion!) The Palm Paddles are very nice indeed - but there is also =
the Padlette and the Te-Ne Keys - you may have to try them out and find =
the one you like!!!

GL ES CUL DE N4MVL Lee

-----Original Message-----

From: Trevor Jacobs [mailto:kg6cyn@softhome.net]

Sent: Wednesday, August 20, 2003 3:43 PM

To: Low Power Amateur Radio Discussion

Subject: Re: FT-817 BACKPACKING RECOMMENDATIONS

Hi Mark,

If you talking truly backpacking into an area and setting up vs. car =
camping
etc where you don't have to carry it all in weight will be important.

If you are using the internal AA rechargeable batteries, I'd suggest the
2000 mAH variety from Maha (actually I think they have 2200 mAH =
available
now also) as the 817 is fairly power hungry on receive. I don't have a
recommendation for a solar charger as I've never used one.

The antenna is going to depend on where you are hiking. If there are =
trees
available as antenna supports, I'd suggest an 88' Extended Double Zepp =
fed
with light weight TV Twin Lead (available from Radio Shack) and a tuner =
such
as the Norcal BLT. This antenna always seems to be a good multiband
performer. George W5YR used these in the Fox Hunt last Winter and did =
very
well. You might also consider ho you are going to hang it. I usually =
take
along either my EZ-Hang, or a smaller sling shot, some fishing weights =
and
at least 1 roll of fishing line (usually 30 Lb test).

On the other hand, if there are no trees available, you will have to =
either
take a support such as a long fishing poll or take along a small =
vertical
such as a St. Louis Vertical or a Super Antenna's MP-1. If you go with =

the
MP-1 get the extended base section for better performance.

Paddle wise I really like the Palm paddles. They are light weight and =
have a
very good feel to them. This is assuming that you want to run CW.

Hope you have fun with whatever you decide! Operating portable while =
camping
and hiking is one of my favorite parts of the hobby.

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Mark Gilger" <mgilger@brightdsl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, August 20, 2003 12:17 PM

Subject: FT-817 BACKPACKING RECOMMENDATIONS

>
> For the FT-817, what have others found to be the best backpacking
> recommendations for equipment plus solar charging the internal =
batteries.
> Mark
>

Date: Wed, 20 Aug 2003 14:35:43 -0700 (PDT)
From: Ed Howell <kb2nto@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [156608] FS Ten Tec c21digital
Message-ID: <20030820213543.32097.qmail@web14303.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ten Tec Century 21 Digital can be turned down easily
to QRP levels. Was back to factory in the last 2 years
for PTO rebuild, switches and alignment invoice \$149.
Nice clean condition some blemishes on corners.
Faceplate is excellant and operates 100%. \$165 plus shipping....

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software

<http://sitebuilder.yahoo.com>

Date: Wed, 20 Aug 2003 17:51:06 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <k7qo@commspeed.net>
Subject: [156609] Re: Elmer 160 Question
Message-ID: <001d01c36765\$28a8e120\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck

Most LCD displays use the Hitachi controller, or a clone, which dictates how you talk to it. The similarly-numbered displays from Emerging Display Technologies have controllers, although they don't say whose, and the arrangement of the data lines is typical of Hitachi controller LCD's, so it's a fair bet that it has a Hitachi controller or a clone.

The only thing is, I couldn't find any 'C1' displays, and their numbering chart conveniently ignores what that means.

I don't really know much about the raw LCDs, but any LCDs with controllers that I've run across all behave the same. I've even tried a couple with brand X controllers and they all seem to sing the same tune. Pretty fair bet that the pinout is a lot like the EW162C0YMY. Also, the YMY apparently indicates a transmissive green LCD with a yellow-green backlight. Seems like the green LCD would be a little ugly on the yellow-green backlight.

But for 2.49, probably worth trying it out.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Chuck Adams" <k7qo@commspeed.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, August 20, 2003 12:45 PM
Subject: Elmer 160 Question

>
> Got in the mail yesterday the new flier from www.goldmine-elec.com
>

> In it is a 2x16 display from Emerging Display Technologies EW162C1YMY
> for \$2.49 ea or 10/\$18.00 US currency. Does any one on this group have
> a data sheet on these puppies? I went to the EDTC web site and they no
> longer have this information on line so it is a discontinued part, but for
> projects
> that only require one they should do nicely and the price is right.
>
> Goldmine also has 2x12 displays from Powertip for \$5.95 and that you can
> find online.
>
> Two digit alphanumeric displays for 2/\$1.00 IEE3785R part number with
> 17/32" high
> characters. LED with common cathode.
>
> I'm thinking parts before projects and the series starts.
>
> TIA
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>
>
>

Date: Wed, 20 Aug 2003 18:22:12 -0400
From: "cal.jsi" <cal.jsi@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [156610] Reply Comments on 03-104
Message-ID: <000301c36769\$8310a900\$fc53fea9@Sharon>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Well, I think my reply comments did make it, although I haven't yet found them among today's crop on ECFS. But the FCC 'bot did assign me a number, so here's hoping. Did find out, however, that I managed to misspell my first name - Arrgghh.

In reviewing the reply comments to date, there are a lot of very good ones generally supportive of jettisoning BPL. We're obviously not alone in this fight. I expect that NTIA has some grave reservations about the whole thing, as well.

I chose the "brief comment" format, because I have only Microsoft Works and Notepad available these days. Perhaps someone could explain how I could get ASCII text out of those, so in future I could file a more finished document. Not very computer-literate here; did my engineering calculations using a HP-41C and have also used a slide rule "in anger".

And I think we owe a lot to ARRL for the significant effort they've put forth in this matter. Also, Steve Holton, N1NB, went out and observed the incredible

QRM produced by some of the testing. Thank you, OM!

Cal K4JSI

End of QRP-L Digest 3018
